

I Claim:

1. A method for configuring an electrical connector having a housing, comprising the step of:

- 1) providing at least a pair of silos adapted to be formed on the housing of the connector;
- 2) providing each silo with a key thereon;
- 3) arranging the silos into different combinations established by events different from one another; and
- 4) selecting a first event from the combinations for serving configuration of the connector.

2. The method as recited in claim 1, wherein the silo has a rectangular cross section.

3. The method as recited in claim 2, wherein the key is a flattened corner of the silo.

4. The method as recited in claim 2, wherein the silo has two flattened corners located in a lower side of the silo.

5. The method as recited in claim 1, wherein the silos are arranged in upper and lower arrangement.

6. A method for configuring an electrical connector system including first male and female connectors, and second male and female connectors, comprising the step of:

- 1) providing at least a pair of silos adapted to be formed on housings of the first and second male connectors, each silo provided with first key and the silos being arranged into first group combination established by male events different from

one another;

- 2) selecting the first male connector from a first male event from the first group combination, and the second male connector from the second male event from the first group combination;

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- 3) providing at least a pair of receptacles adapted to be defined in housings of the first and second female connectors, one of the receptacles provided with second key corresponding to the first key of the silos and the receptacles being arranged into second group combination by female events different from one another; and

- 4) selecting the first female connector from a first female event from the second group combination, and the second female connector from the second female event combination from the second group combination, wherein the first male connector can only be mated with first female connector, while is not intermateable with the second female connector.

7. A method for configuring an electrical connector system, comprising the step of:

- 1) providing a set of elementary configuration unit suitable for establishing a plurality of combinations;
- 2) designating each elementary configuration unit an annotation; and
- 3) representing the connector by the annotations.

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8. A method for configuring an electrical connector system in which different connectors are not mateable, comprising the step of:

- 1) providing a set of elementary configuration unit suitable for establishing a plurality of combinations;

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- 2) designating each elementary configuration unit an annotation; and

- 3) representing the connector by the annotations in which a first annotation for a first

connector is not repeated in a second annotation of a second connector.

9. A method for configuring an electrical connector system in which connectors with different positions are not mateable, comprising:

- 5       1) providing a set of elementary configuration unit suitable for establishing a plurality of combinations;
- 2) selecting at least two configuration units to configure the connector having at least three positions; and
- 3) wherein the configuration units located in first and last positions are selected to be different to the configuration units located at other positions.

10. A method for configuring an electrical connector, comprising:

- 1) providing a set of elementary configuration unit suitable for establishing a plurality of combinations;
- 2) selecting at least two configuration units to configure the connector having at least three positions; and
- 3) wherein the configuration units located in first and last positions are selected to be different to the configuration units located at other positions.